

# MAINTENANCE-FREE BATTERY VRLA DEEP CYCLE

## VPRO SOLAR 74Ah 12V

INDEKS: 6AKXDEEP07

EAN: 5904100450725

**DEEP CYCLE batteries** by **VOLT POLSKA** are superior deep cycle design with thick plates, high-density active materials and slightly stronger electrolyte, which can withstand repeated deep cyclic applications.

**The general features are:** safety sealing, non-spillable construction, high power density, excellent recovery from deep discharge, thick plates and high active materials, longer life and low self-discharge design.

**DEEP CYCLE batteries** have 8-10 years design life at 25°C. They can be applied in solar and wind power system, emergency power system, communication equipment, telecommunication systems, marine equipment, uninterrupted power supplies, medical equipment, fire and security system.

### Main technical data:

Nominal voltage	12V	
Rated capacity	74 Ah	
Dimension	total height	176 mm
	height	176 mm
	width	167 mm
	length	347 mm
Approx Weight	19.1kg ± 3%	
Gross dimensions	36,4x20,3x26,5cm	
Gross weight	29,1kg	

### Other specification:

Internal Resistance	~ 5,8mΩ	
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self discharge (at 25°C)	3 months	91%
	6 months	82%
	12 months	65%
Working temperature	25°C +- 3 st.C	
Working temperature	Discharge	-15°C to 50 st.C
	Charge	-10°C to 50 st.C
	Storage	-20°C to 50 st.C
Float Use (25°C)	13,5 VDC	13,8 VDC
Cycle Use (25°C)	14,1 VDC	14,4 VDC
Max charging current	18,5 A	
Max discharge current	650 A (per 5 s)	
Design life (25°C)	8-10 years	

